

lepton+jets

2.6 fb⁻¹ (13 TeV)**CMS**AK8 jets with $p_{\text{T}} > 500$ GeV, $|\eta| < 2.4$, $\tau_{32} < 0.69$ 

Data



Matched to top quark



Unmatched to top quark

Z' 3 TeV ($\sigma=1$ pb)

Events/10 GeV

Data/bkg

150

100

50

0

50

100

150

200

250

300

Jet soft-drop mass [GeV]

1.5

1.0

0.5

Data/bkg